CLAIMS:

1. A method of improving communication between mobile nodes in an ad-hoc wireless network, characterized in that all the nodes are organized into application-specific clusters and the information relevant to each application is stored in the head element of the cluster.

2. A method as claimed in claim 1, characterized in that each node becomes part of one or more clusters.

3. A method as claimed in claim 1 or 2, characterized in that each node in the cluster passes on the application-specific information to the head element or receives said information there from.

4. A method as claimed in any of claims 1 to 3, characterized in that the head element is selected at random or in accordance with given rules.

5. A method as claimed in any of claims 1 to 4, characterized in that mobile and quasi-stationary clusters are formed.

6. A method as claimed in any of claims 1 to 5, characterized in that, before leaving the cluster, a head element notifies the nodes of this and the data stored in the head element is transmitted to a new head element.

7. A method as claimed in any of claims 1 to 6, characterized in that the head element collects and filters the data from all the nodes.

8. A method as claimed in claim 7, characterized in that the filtered information that is important to the application is passed on to all the nodes and stored in them.

9. Use of a method as claimed in any of claims 1 to 8 for controlling a flow of traffic.